

# VA SOUTHERN NEVADA HEALTHCARE SYSTEM

## Additional Parking Spaces

### North Las Vegas, NV

# 593-14-102

#### PROJECT TEAM

##### ARCHITECTURAL

LEO A DALY  
550 S. HOPE STREET, 27TH FLOOR  
LOS ANGELES, CA 90071  
P(213) 629-0100 F(213) 629-0070  
CONTACT: CINDY BAGNELL

##### CIVIL

KPFF CONSULTING ENGINEERS  
6080 CENTER DRIVE, SUITE 700  
LOS ANGELES, CA 90045  
P(310) 665-2800  
CONTACT: SHARAD GANJU

##### ELECTRICAL

MAZZETTI  
2201 DUPONT DRIVE, SUITE 800  
IRVINE, CA 92612  
P(949) 475-5550  
CONTACT: HAO TO

##### COST ESTIMATOR

CUMMING, LLC.  
523 W 6TH STREET, SUITE 1001  
LOS ANGELES, CA 90014  
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CONTACT: JACK OLIVER

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#### PROJECT LOCATION

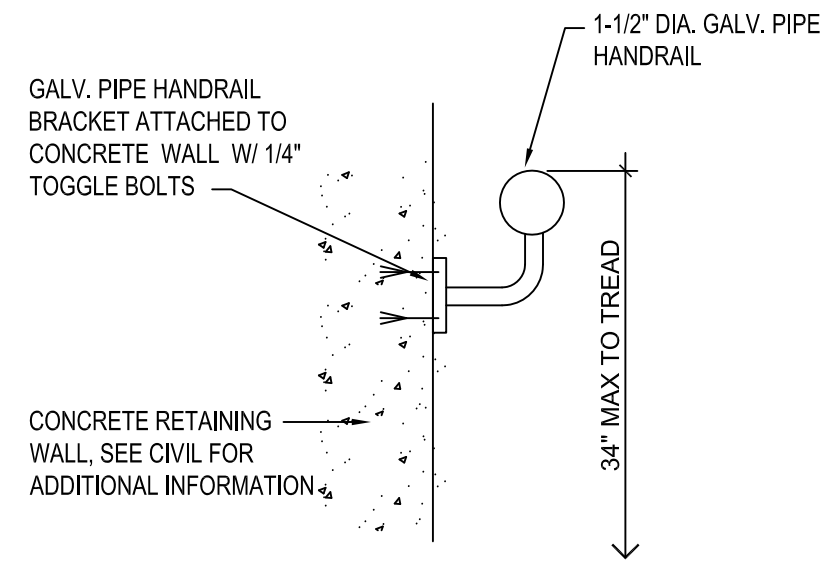


		<b>CONSULTANTS:</b>	<b>KEY PLAN</b>	<b>ARCHITECT/ENGINEERS:</b>	Drawing Title <b>TITLE SHEET</b> Scale: <b>As shown</b>	Project Title <b>VA SOUTHERN NEVADA HEALTHCARE SYSTEM ADDITIONAL PARKING SPACES</b>	Project Number <b>593-14-102</b> Building Number	<b>Office of Facilities Management</b>  Department of Veterans Affairs	
		CIVIL: KPFF CONSULTING ENGINEERS, 6080 CENTER DRIVE, SUITE 700. LOS ANGELES, CA 90045 MEP: MAZZETTI, 2201 DUPONT DRIVE, SUITE 800, IRVINE, CA 92612		<b>LEO A DALY</b> PLANNING ARCHITECTURE ENGINEERING INTERIORS 550 South Hope Street, 27 <sup>th</sup> Floor Los Angeles, California 90071, USA 213-629-0100 F213-629-0070	Approved: Project Director	Location <b>North Las Vegas, NV</b>	Drawing Number <b>GI-000</b>		
		100% SUBMITTAL 4/20/2015 65% SUBMITTAL 3/23/2015 35% SUBMITTAL 3/4/2015 <b>Revisions:</b> <b>Date</b>				Date <b>APRIL 20, 2015</b>	Checked		Drawn

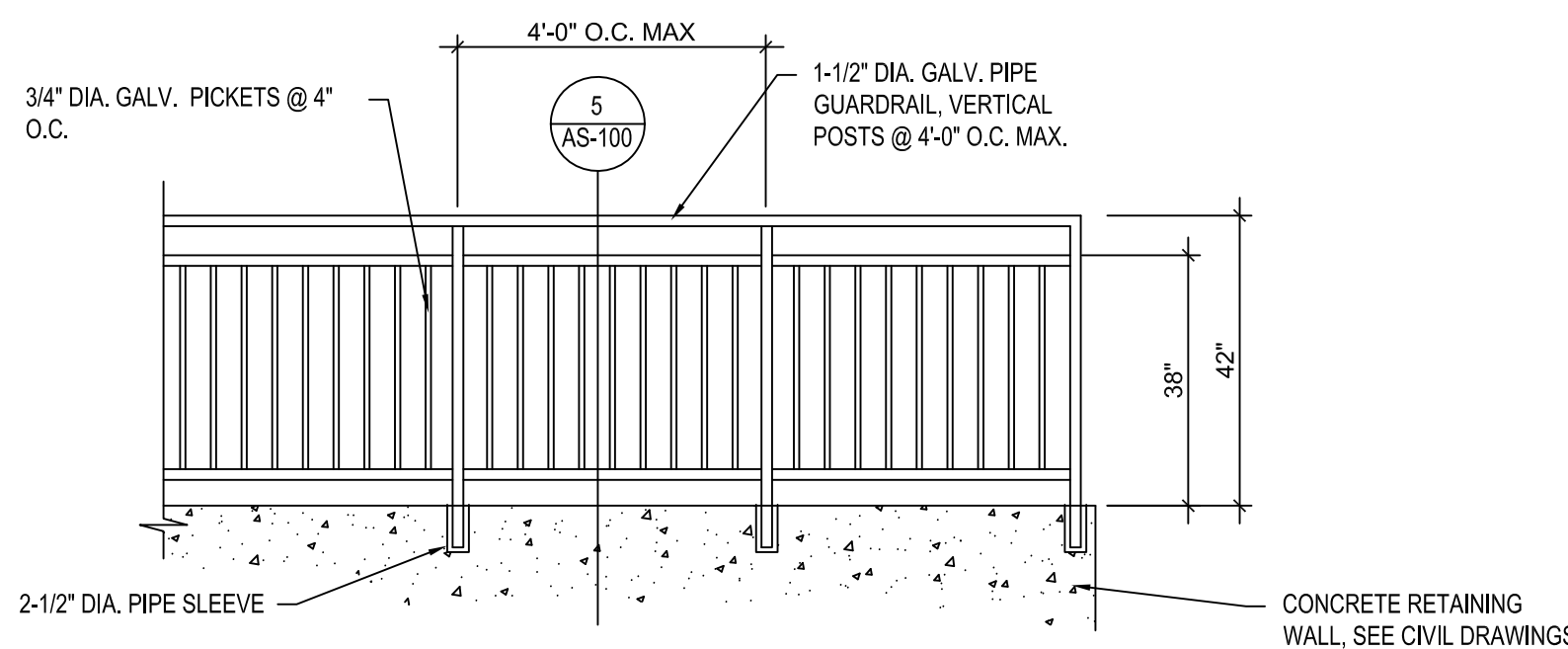




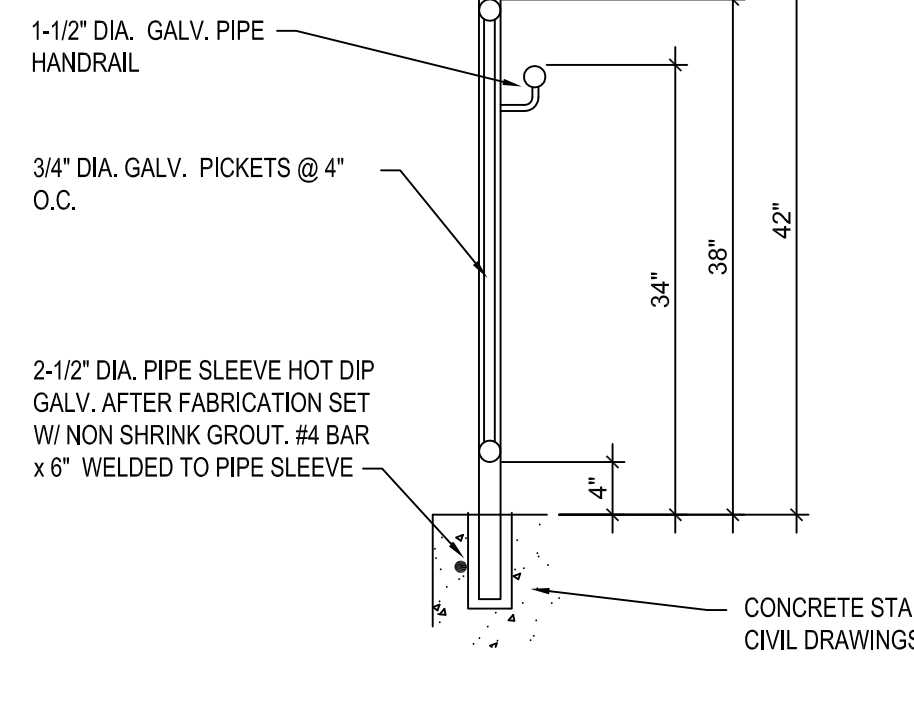




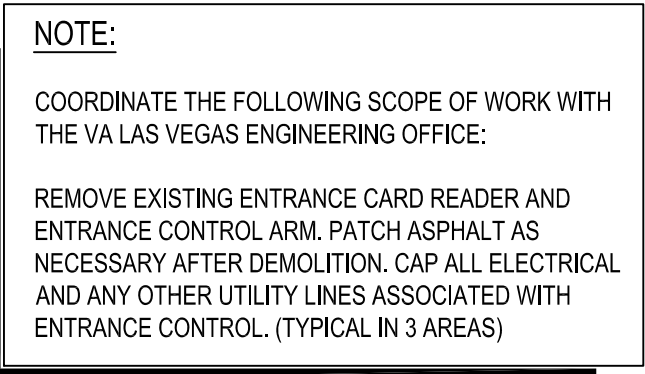
## 7 HANDRAIL DETAIL



**4 RETAINING WALL GUARDRAIL**  
SCALE: NONE



**6 GUARDRAIL/HANDRAIL SECTION**  
SCALE: NONE



**NOTE:**

SEE CIVIL DRAWINGS FOR EXTENT OF DEMOLITION OF EXISTING LANDSCAPE, SPRINKLER SYSTEM, CURBS.

SEE CIVIL DRAWINGS FOR EXTENT OF NEW GRADING, ASPHALT PAVING, PARKING, RETAINING WALLS, STAIRS.

SEE ELECTRICAL DRAWINGS FOR NEW SITE LIGHTING LOCATIONS.

**NOTE:**

COORDINATE THE FOLLOWING SCOPE OF WORK WITH THE VA LAS VEGAS ENGINEERING OFFICE:

REMOVE EXISTING ENTRANCE CARD READER AND ENTRANCE CONTROL ARM. PATCH ASPHALT AS NECESSARY AFTER DEMOLITION. CAP ALL ELECTRICAL AND ANY OTHER UTILITY LINES ASSOCIATED WITH ENTRANCE CONTROL. (TYPICAL IN 3 AREAS)

**1 ARCHITECTURAL PARTIAL SITE PLAN**  
SCALE: 1"=30'

<b>CONSULTANTS:</b>	
CIVIL:	KPFF CONSULTING ENGINEERS, 6080 CENTER DRIVE, SUITE 700. LOS ANGELES, CA 90045
MEP:	MAZZETTI, 2201 DUPONT DRIVE, SUITE 800, IRVINE, CA 92612

**ARCHITECT/ENGINEERS:**

Drawing Title	
<b>ARCHITECTURAL PARTIAL SITE PLAN</b>	
Scale: <b>As shown</b>	
Approved: Project Director	

Project Number  
**593-14-102**

Building Number

Drawing Number  
**AS-100**

Dwg. of

 Department of  
Veterans Affairs







# TOPOGRAPHIC SURVEY

LOCATED IN THE NW & SW QUARTERS OF SECTION 19  
TOWNSHIP 19 SOUTH, RANGE 62 EAST, M.D.M.  
CITY OF NORTH LAS VEGAS, CLARK COUNTY, NEVADA  
FIELD SURVEYED: JANUARY 16, 2015

## NOTES:

- 1.) VERTICAL DATUM: NAVD 88 (LAS VEGAS VALLEY WATER DISTRICT'S (LVVWD) GPS BASE STATION NETWORK)  
ELEVATION WAS ESTABLISHED THROUGH A 3 MINUTE GPS OBSERVATION ON CONTROL POINT NO. 1 USING THE LVVWD GPS BASE STATION NETWORK.
- 2.) BASIS OF BEARINGS FOR THIS SURVEY IS US STATE PLANE NAD 83, NEVADA EAST ZONE, (2701). THE RESULTANT BEARING OF THE WEST LINE OF THE NORTHWEST QUARTER OF SECTION 19 IS NORTH 00° 02' 17" EAST . TO REDUCE MEASUREMENTS TO GRID DISTANCES, MULTIPLY BY 0.999827930.
- 3.) TITLE REPORT WAS NOT PROVIDED. EASEMENTS MAY EXIST AFFECTING SUBJECT PROPERTY.
- 4.) UTILITY LOCATIONS SHOWN ARE PER FIELD LOCATED UTILITY PAINT MARKS & REFERENCE MAPS MADE AVAILABLE BY THE VARIOUS UTILITY PROVIDERS. UNLESS INDICATED, DEPTHS OF UTILITY LINES ARE NOT AVAILABLE. ALL UTILITY LOCATIONS SHOULD BE FIELD VERIFIED PRIOR TO CONSTRUCTION.

## LEGEND:

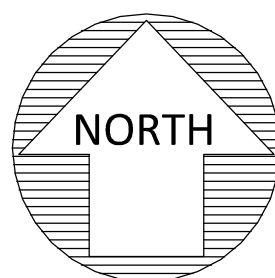
	BUILDING OUTLINE WITH DOOR
	CONCRETE SURFACE
	ASPHALT SURFACE
	WALL
	CURB LINE
	ELECTRICAL LINE
	TELECOMMUNICATIONS LINE
	SANITARY SEWER LINE
	WATER LINE
	GAS LINE
	UNDERGROUND LINE PER AS-BUILTS
	SIGN
	DOUBLE POST SIGN
	DRIVEWAY ENTRY
	HANDICAP RAMP
	ELECTRICAL JUNCTION BOX
	ELECTRONIC CARD READER
	OVERHEAD LIGHT
	GAS VALVE
	SANITARY MANHOLE WITH STRUCTURE
	SANITARY STRUCTURE #
	TELECOMMUNICATIONS VAULT
	EMERGENCY PHONE
	WATER VALVE
	FIRE HYDRANT
	MECHANICAL SWING ARM
	DECIDUOUS TREE
	PERIMETER REPRESENTS DRIPLINE
	SHRUB
	MONUMENT
	PROJECT CONTROL POINT

## SANITARY TABLE:

- 1 SANITARY MANHOLE  
RIM = 2054.30'  
IE 6" IN (SE) = 2049.26'  
IE 8" IN (NE) = 2045.31'  
IE 8" OUT (SW) = 2045.21'
- 2 SANITARY MANHOLE  
RIM = 2061.82'  
IE 6" IN (NE) = 2046.17'  
IE 8" OUT (SW) = 2046.07'
- 3 SANITARY MANHOLE  
RIM = 2067.05'  
IE 6" IN (SE) = 2042.05'  
IE 8" IN (N) = 2047.40'  
IE 8" OUT (SW) = 2047.30'
- 4 SANITARY MANHOLE (PER ASBUILT)  
RIM = 2051.0 +/-  
IE IN (E) = 2043.2' +/-  
IE OUT (W) = 2043.0' +/-  
IE OUT (S) = 2044.0' +/-

## PROJECT CONTROL:

STATION	DESCRIPTION	NORTHING	EASTING	ELEVATION
1	MAG NAIL W/ WASHER "KPFF CONTROL"	26805312.13	801021.04	2057.57'
2	MAG NAIL W/ WASHER "KPFF CONTROL"	26805183.28	800790.01	2051.63'



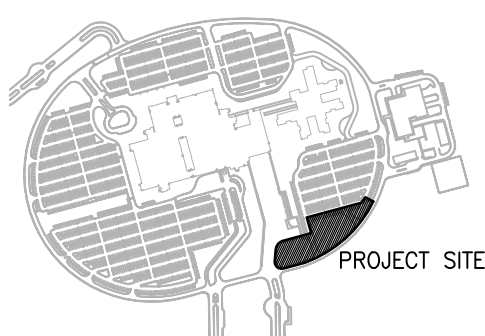
## SURVEY (FOR REFERENCE ONLY)

100% SUBMITTAL	4/20/15
65% SUBMITTAL	3/23/15
35% SUBMITTAL	3/4/15
Revisions:	Date

## CONSULTANTS:

CIVIL: KPFF CONSULTING ENGINEERS, 6080 CENTER DRIVE, SUITE 700. LOS ANGELES, CA 90045  
MEP: MAZZETTI, 2201 DUPONT DRIVE, SUITE 800, IRVINE, CA 92612

## KEY PLAN



## ARCHITECT/ENGINEERS:

**LEO A DALY** PLANNING  
ARCHITECTURE  
ENGINEERING  
INTERIORS

550 South Hope Street, 27<sup>th</sup> Floor  
Los Angeles, California 90071, USA  
213-629-0100 F213-629-0070

Drawing Title  
**SURVEY (FOR REFERENCE ONLY)**

Scale:  
**As shown**

Approved: Project Director

Project Title  
**VA SOUTHERN NEVADA  
HEALTHCARE SYSTEM  
ADDITIONAL PARKING SPACES**

Location  
**North Las Vegas, NV**

Date  
**APRIL 20, 2015**

Checked  
**SG/JN**

Drawn  
**TR**

Project Number  
**593-14-102**

Dwg. of

**C1.00**

**Office of  
Facilities  
Management**

Department of  
Veterans Affairs



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**EROSION CONTROL NOTES:**

1. TEMPORARY EROSION CONTROL DEVICES SHOWN ON THE GRADING PLAN WHICH INTERFERE WITH THE WORK SHALL BE RELOCATED OR MODIFIED AS AND WHEN THE INSPECTOR SO DIRECTS AS THE WORK PROGRESSES TO MEET "AS GRADED" CONDITIONS.
2. ALL LOOSE SOIL AND DEBRIS SHALL BE REMOVED FROM THE STREET AREAS UPON STARTING OPERATIONS AND PERIODICALLY THEREAFTER AS DIRECTED BY THE INSPECTOR
3. WHEN THE INSPECTOR SO DIRECTS, A 12-INCH BERM SHALL BE MAINTAINED ALONG THE TOP OF THE SLOPE OF THOSE FILLS ON WHICH GRADING IS NOT IN PROGRESS.
4. STORM AND SEWER DRAIN TRENCHES THAT ARE CUT THROUGH BASIN DIKES OR BASIN INLET DIKES SHALL BE PLUGGED WITH SANDBAGS.
5. EXCEPT WHEN THE INSPECTOR DIRECTS OTHERWISE, ALL DEVICES SHOWN SHALL BE IN PLACE AT THE END OF EACH WORKING DAY WHEN RAIN IS FORECAST, AND SHALL BE MAINTAINED DURING THE RAINY SEASON (OCTOBER 15 TO APRIL 15).
6. SANDBAGS SHALL BE STOCKPILED ON SITE, READY TO BE PLACED IN POSITION WHEN RAIN IS FORECAST, OR WHEN THE INSPECTOR SO DIRECTS.
7. A "STANDBY EMERGENCY CREW" SHALL BE ALERTED BY THE PERMITTEE OR THE CONTRACTOR TO PERFORM EMERGENCY WORK DURING RAINSTORMS. THE PARTY TO BE CONTACTED IS:  
NAME: \_\_\_\_\_ (TO BE FILLED IN BY CONTRACTOR)  
PHONE NUMBER: \_\_\_\_\_

**DUST CONTROL NOTES:**

1. DUST SHALL BE CONTROLLED BY WATERING AND/OR APPLYING A DUST PALLIATIVE. THE DUST PALLIATIVE SHALL BE APPLIED IN THE AMOUNT AT THE LOCATIONS AS DIRECTED BY THE ENGINEER.
2. WATER FOR DUST CONTROL SHALL BE APPLIED BY MEANS OF PRESSURE TYPE DISTRIBUTORS OR PIPE LINES EQUIPPED WITH A SPRAY SYSTEM OR HOSES WITH NOZZLES THAT WILL INSURE A UNIFORM APPLICATION OF WATER.
3. UNLESS WATER IS APPLIED BY MEANS OF PIPE LINES, AT LEAST ONE MOBILE UNIT WITH A MINIMUM CAPACITY OF 100 GALLONS SHALL BE AVAILABLE FOR APPLYING WATER.
4. ALL SOIL MATERIALS OR DEBRIS TRUCKED FROM THE SITE SHALL BE COVERED AND SPRINKLED PRIOR TO ENTERING PUBLIC STREETS.
5. PROVIDE FOR WET SUPPRESSION OR CHEMICAL STABILIZING OF EXPOSED SOILS.
6. PROVIDE FOR RAPID CLEAN-UP OF SEDIMENTS DEPOSITED ON THE PAVED ROADS.
7. LIMIT THE AMOUNT OF AREAS DISTURBED BY CLEARING & EARTH MOVING OPERATIONS BY SCHEDULING THESE ACTIVITIES IN PHASES.

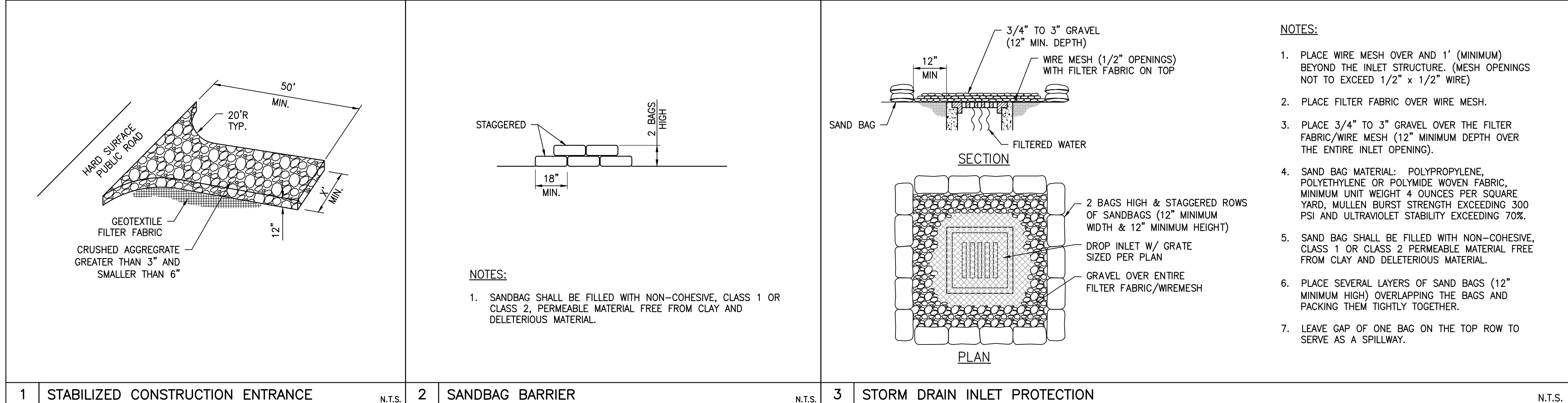
**EROSION CONTROL NOTES:**

- (E1) STABILIZED CONSTRUCTION ENTRANCE PER DETAIL 1, HEREON.
- (E2) PLACE SANDBAGS DOUBLE ROW PER DETAIL 2, HEREON.
- (E3) STORM DRAIN INLET PROTECTION PER DETAIL 3, HEREON.

**LEGEND**

- LIMIT LINE OF EROSION CONTROL
- SANDBAGS
- ← DIRECTION OF FLOW (EXISTING CONDITIONS)

LIMIT OF EROSION CONTROL = 1.28 ACRES



1	STABILIZED CONSTRUCTION ENTRANCE	N.T.S.	2	SANDBAG BARRIER	N.T.S.	3	STORM DRAIN INLET PROTECTION	N.T.S.
<b>CONSULTANTS:</b>								
CIVIL: KPFF CONSULTING ENGINEERS, 6080 CENTER DRIVE, SUITE 700. LOS ANGELES, CA 90045								
MEP: MAZZETTI, 2201 DUPONT DRIVE, SUITE 800, IRVINE, CA 92612								
<b>KEY PLAN</b>								
<b>ARCHITECT/ENGINEERS:</b>								
LEO A DALY								
550 South Hope Street, 27 <sup>th</sup> Floor Los Angeles, California 90071, USA 213-629-0100 F213-629-0070								
Drawing Title <b>EROSION CONTROL</b>				Project Title <b>VA SOUTHERN NEVADA HEALTHCARE SYSTEM ADDITIONAL PARKING SPACES</b>				
Scale: <b>As shown</b>				Project Number <b>593-14-102</b>				
Approved: Project Director				Building Number				
				Drawing Number				
				<b>C1.10</b>				
				Dwg. of				
100% SUBMITTAL 4/20/15								
65% SUBMITTAL 3/23/15								
35% SUBMITTAL 3/4/15								
<b>Revisions:</b>				<b>Date</b>				

**Office of  
Facilities  
Management**

**Department of  
Veterans Affairs**



one and one half inches = one foot  
one sixteenth inch = one foot  
one eighth inch = one foot  
one quarter inch = one foot  
three eighths inch = one foot  
one half inch = one foot  
three quarters inch = one foot  
one inch = one foot



- GENERAL DEMOLITION NOTES:**
- CONTRACTOR TO CLEAR PROJECT SITE AREA WITHIN THE CONFINES OF THE DEMOLITION LIMIT LINE. THE CONTRACTOR SHALL DEMOLISH AND REMOVE FROM THE SITE ALL EXISTING UTILITIES, STRUCTURES, PLANTERS, TREES, AND ALL OTHER SITE FEATURES, UNLESS OTHERWISE NOTED ON THE PLAN.
  - REMOVAL OF LANDSCAPING SHALL INCLUDE ROOTS AND ORGANIC MATERIALS.
  - THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ANY AND ALL PERMITS AND SHALL PAY ALL FEES NECESSARY FOR ENCROACHMENT, GRADING, DEMOLITION AND DISPOSAL OF SAID MATERIALS AS REQUIRED BY PRIVATE, LOCAL AND STATE JURISDICTIONS.
  - THE CONTRACTOR SHALL BE RESPONSIBLE FOR A SITE INSPECTION TO FULLY ACKNOWLEDGE THE EXTENT OF THE DEMOLITION WORK.
  - THE CONTRACTOR SHALL VERIFY AND LOCATE ALL EXISTING ABOVE AND UNDERGROUND UTILITIES. LOCATIONS SHOWN ON THE PLANS ARE APPROXIMATE AND ARE SHOWN FOR GENERAL INFORMATION ONLY.
  - DAMAGE TO ANY EXISTING UTILITIES AND SERVICES TO REMAIN SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR. CONTRACTOR SHALL REPAIR AND/OR REPLACE IN KIND.
  - EROSION CONTROL MEASURES SHALL BE IMPLEMENTED TO PREVENT DEBRIS AND UNSUITABLE MATERIALS FROM ENTERING STORM DRAINS, SANITARY SEWERS AND STREETS.
  - DUST CONTROL SHALL BE IMPLEMENTED DURING DEMOLITION.
  - DEMOLITION IS LIMITED TO WITHIN DEMOLITION LIMIT LINE UNLESS NOTED OTHERWISE.
  - THE CONTRACTOR SHALL VERIFY THE LOCATION AND QUANTITY OF EXISTING SURFACE STRUCTURES AND SHALL BE SOLELY RESPONSIBLE FOR ANY UNIDENTIFIED UTILITIES, IMPROVEMENTS, TREES, ETC. TO BE DEMOLISHED AND REMOVED WITHIN THE DEMOLITION LIMIT LINE, INCLUDING APPURTENANT FOUNDATIONS OR SUPPORTS.
  - DEMOLITION CALLOUTS IN THIS SECTION ARE REPRESENTATIVE OF WHAT IS TO BE DONE, NOT AN ITEMIZED ACCOUNTING FOR EACH PIPE, CATCH BASIN, MANHOLE, VAULT, ETC. THAT IS TO BE DEMOLISHED, REMOVED AND DISPOSED OF.
  - ALL UTILITIES AND UTILITY SURFACE STRUCTURES SHALL BE PROTECTED IN PLACE. REFER TO GRADING SHEET CG1.30 FOR UTILITY SURFACE STRUCTURE ADJUSTMENTS.

**DEMOLITION NOTES:**

**PROTECT--IN-PLACE**

- 1 CURB
- 2 WALL
- 3 TREE
- 4 CURB & GUTTER
- 5 STREET LIGHT
- 6 ELECTRICAL JUNCTION BOX
- 7 ASPHALT
- 8 TELECOM LINE
- 9 SANITARY SEWER LINE
- 10 SEWER MANHOLE
- 11 WATER LINE
- 12 GAS LINE
- 13 SMOKING SHED
- 14 PARKING ENTRANCE
- 15 IRRIGATION CONTROL VALVE
- 16 GAS VALVE
- 17 SIGN

**ADJUST TO GRADE (REFER TO GRADING PLAN FOR PROPOSED GRADE, SHEET CG1.30)**

- 1 TELECOM VAULT
- 2 GATE VALVE
- 3 GAS VALVE
- 4 SIGN
- 5 STREET LIGHT
- 6 ELECTRICAL JUNCTION BOX
- 7 FIRE HYDRANT

**DEMOLISH AND REMOVE**

- 1 CURB
- 2 LANDSCAPE ROCKS
- 3 TREE
- 4 ASPHALT
- 5 IRRIGATION CONTROL VALVE
- 6 IRRIGATION PIPE SYSTEM  
(CAP ALL PIPES AT THE LIMIT LINE OF WORK. CONTRACTOR SHALL PROTECT IRRIGATION LINES SUPPLYING WATER TO EXISTING IRRIGATION SYSTEMS OUTSIDE THE LIMIT LINE OF WORK)

**LEGEND:**

- LIMIT LINE OF DEMOLITION
- - - SAWCUT LINE

100% SUBMITTAL	4/20/15
65% SUBMITTAL	3/23/15
35% SUBMITTAL	3/4/15
Revisions:	Date

**CONSULTANTS:**

CIVIL: KPFF CONSULTING ENGINEERS, 6080 CENTER DRIVE, SUITE 700. LOS ANGELES, CA 90045  
MEP: MAZZETTI, 2201 DUPONT DRIVE, SUITE 800, IRVINE, CA 92612

**KEY PLAN**

**ARCHITECT/ENGINEERS:**

**LEO A DALY** PLANNING ARCHITECTURE ENGINEERING INTERIORS  
550 South Hope Street, 27<sup>th</sup> Floor  
Los Angeles, California 90071, USA  
213-629-0100 F213-629-0070

Drawing Title  
**DEMOLITION PLAN**

Scale:  
**As shown**

Approved: Project Director

Project Title  
**VA SOUTHERN NEVADA HEALTHCARE SYSTEM ADDITIONAL PARKING SPACES**

Location  
**North Las Vegas, NV**

Date  
**APRIL 20, 2015**

Checked  
**SG/JN**

Drawn  
**TR**

Project Number  
**593-14-102**

Building Number

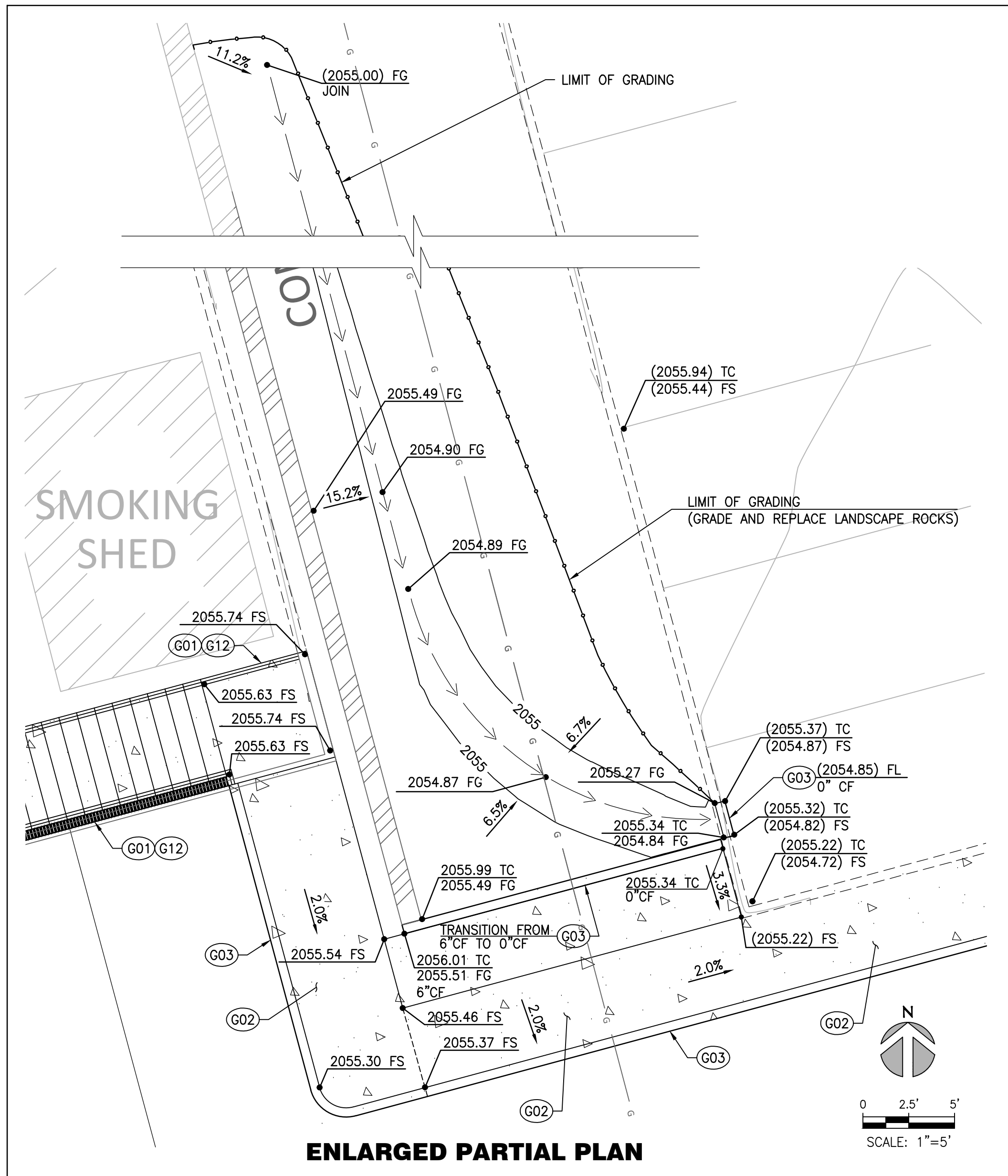
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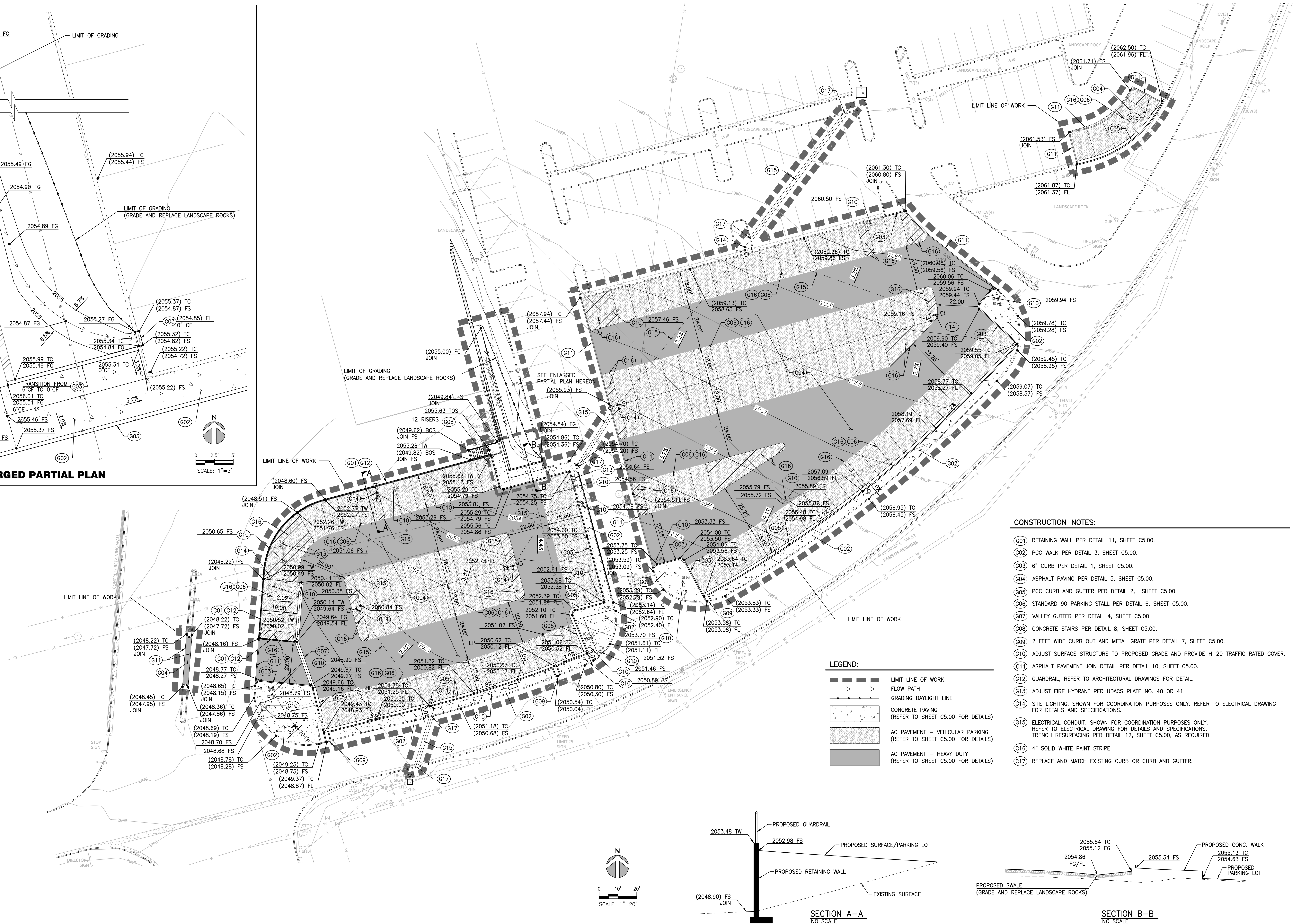
**Office of Facilities Management**

Department of Veterans Affairs



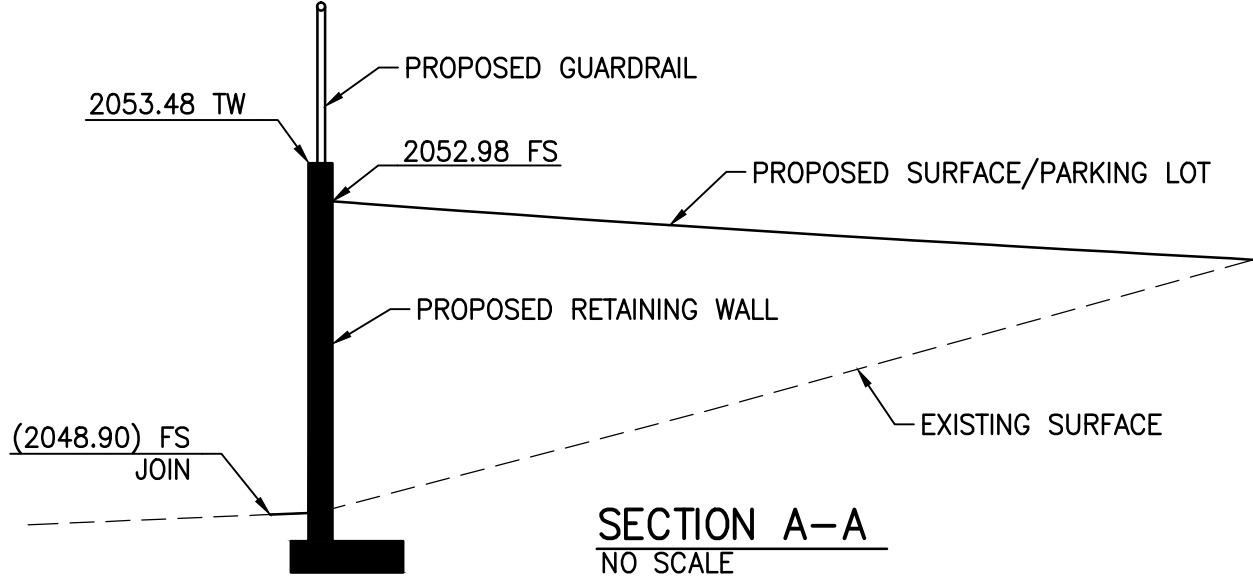


ENLARGED PARTIAL PLAN

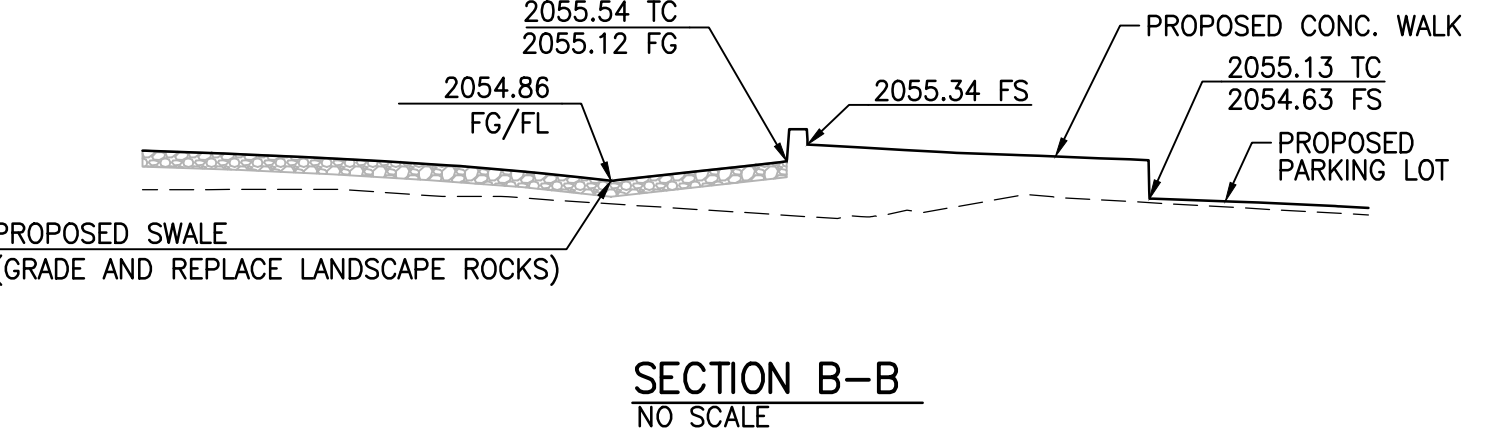


- LEGEND:**
- LIMIT LINE OF WORK
  - FLOW PATH
  - GRADING DAYLIGHT LINE
  - CONCRETE PAVING (REFER TO SHEET C5.00 FOR DETAILS)
  - AC PAVEMENT - VEHICULAR PARKING (REFER TO SHEET C5.00 FOR DETAILS)
  - AC PAVEMENT - HEAVY DUTY (REFER TO SHEET C5.00 FOR DETAILS)

- CONSTRUCTION NOTES:**
- G01 RETAINING WALL PER DETAIL 11, SHEET C5.00.
  - G02 PCC WALK PER DETAIL 3, SHEET C5.00.
  - G03 6" CURB PER DETAIL 1, SHEET C5.00.
  - G04 ASPHALT PAVING PER DETAIL 5, SHEET C5.00.
  - G05 PCC CURB AND GUTTER PER DETAIL 2, SHEET C5.00.
  - G06 STANDARD 90° PARKING STALL PER DETAIL 6, SHEET C5.00.
  - G07 VALLEY GUTTER PER DETAIL 4, SHEET C5.00.
  - G08 CONCRETE STAIRS PER DETAIL 8, SHEET C5.00.
  - G09 2 FEET WIDE CURB OUT AND METAL GRATE PER DETAIL 7, SHEET C5.00.
  - G10 ADJUST SURFACE STRUCTURE TO PROPOSED GRADE AND PROVIDE H-20 TRAFFIC RATED COVER.
  - G11 ASPHALT PAVEMENT JOINT DETAIL PER DETAIL 10, SHEET C5.00.
  - G12 GUARDRAIL, REFER TO ARCHITECTURAL DRAWINGS FOR DETAIL.
  - G13 ADJUST FIRE HYDRANT PER UDACS PLATE NO. 40 OR 41.
  - G14 SITE LIGHTING, SHOWN FOR COORDINATION PURPOSES ONLY. REFER TO ELECTRICAL DRAWING FOR DETAILS AND SPECIFICATIONS.
  - G15 ELECTRICAL CONDUIT, SHOWN FOR COORDINATION PURPOSES ONLY. REFER TO ELECTRICAL DRAWING FOR DETAILS AND SPECIFICATIONS. TRENCH RESURFACING PER DETAIL 12, SHEET C5.00, AS REQUIRED.
  - G16 4" SOLID WHITE PAINT STRIPE.
  - G17 REPLACE AND MATCH EXISTING CURB OR CURB AND GUTTER.



SECTION A-A  
NO SCALE



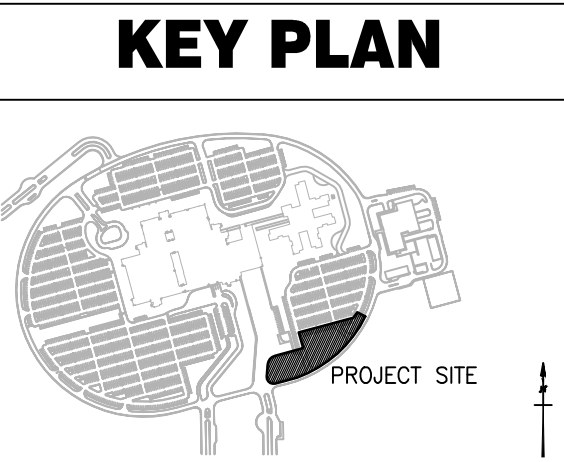
SECTION B-B  
NO SCALE

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65% SUBMITTAL	3/23/15
35% SUBMITTAL	3/4/15
Revisions:	Date

**CONSULTANTS:**

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MEP: MAZZETTI, 2201 DUPONT DRIVE, SUITE 800, IRVINE, CA 92612



**ARCHITECT/ENGINEERS:**

**LEO A DALY**

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ARCHITECTURE  
ENGINEERING  
INTERIORS

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Los Angeles, California 90071, USA  
213-629-0100 F213-629-0070

Drawing Title  
**GRADING AND DRAINAGE PLAN**

Scale:  
**As shown**

Approved: Project Director

Project Title  
**VA SOUTHERN NEVADA  
HEALTHCARE SYSTEM  
ADDITIONAL PARKING SPACES**

Location  
**North Las Vegas, NV**

Date  
**APRIL 20, 2015**

Checked  
**SG/JN**

Drawn  
**TR**

Project Number  
**593-14-102**

Building Number

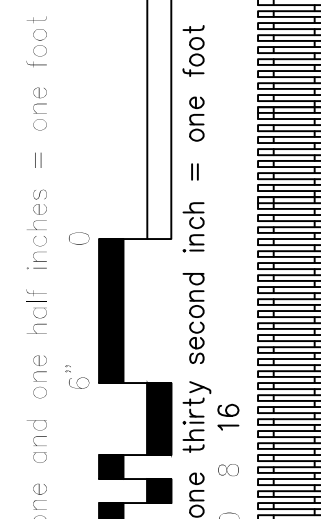
Drawing Number  
**CG1.30**

Dwg. of

**Office of  
Facilities  
Management**

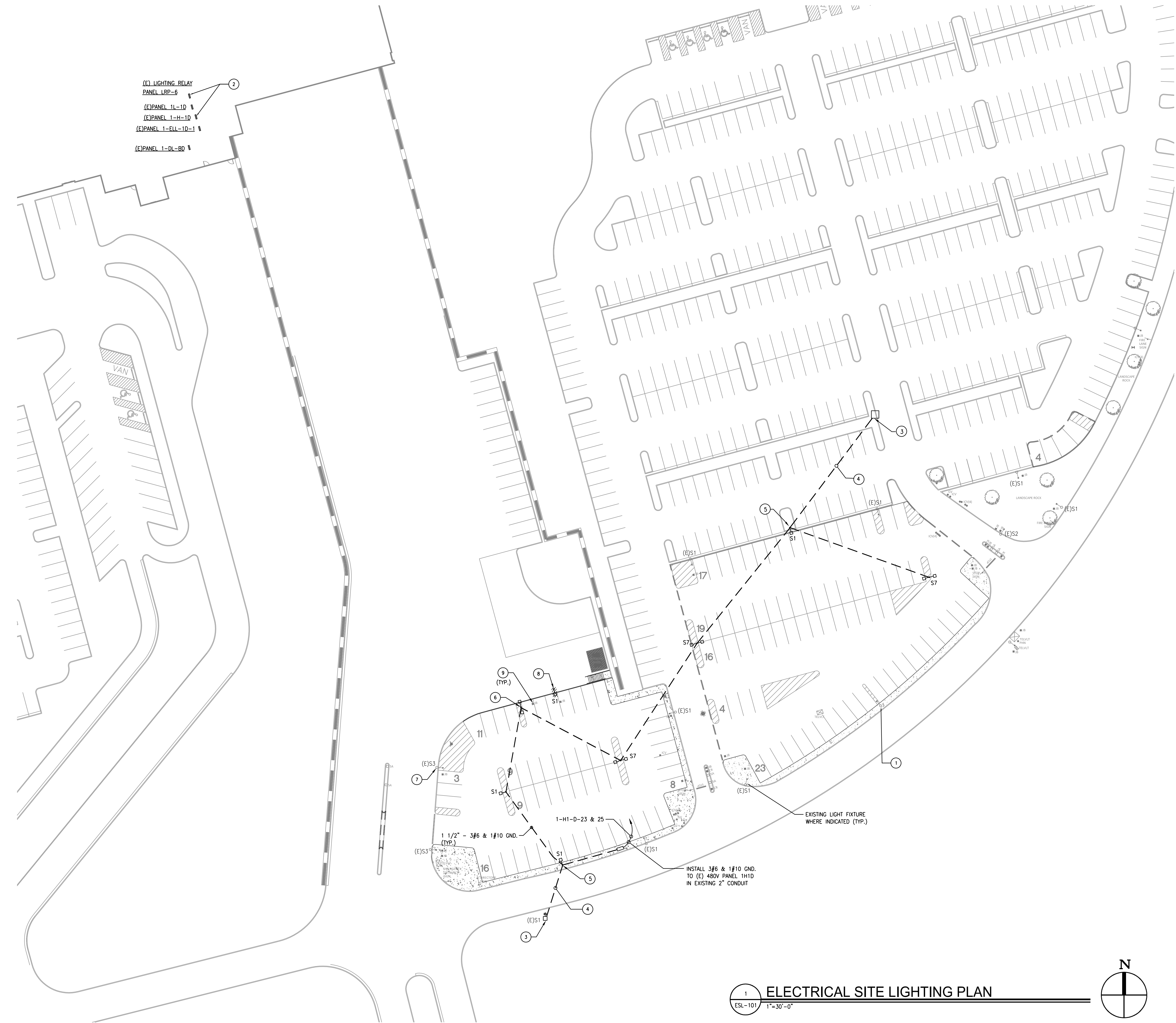
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PLAN NOTES

- 1 ADD ONE NEW FIXTURE TYPE S1 TO EXISTING POLE TO CONVERT IT INTO TYPE S7 LIGHT POLE WITH TWO FIXTURES. REPLACE POLE TOP BRACKET AND ARM AS REQUIRED. CONNECT NEW FIXTURE TO EXISTING LIGHTING CIRCUIT FROM PANEL "1-H-1D" (VERIFY VOLTAGE OF EXISTING LIGHTING CIRCUIT AND SET TAP OF NEW FIXTURE ACCORDINGLY NEW FIXTURE SHALL BE IDENTICAL TO EXISTING FIXTURE INCLUDING COLOR FINISH.
- 2 BOTH EXISTING 277/480V LTG. PANEL "1-H-1D" AND LIGHTING RELAY PANEL "LRP-6" ARE IN ELECTRICAL ROOM 10401. CONNECT NEW LIGHTING CIRCUIT "1-H-1D" 23&26 TO SPARE RELAY IN RELAY PANEL "LRP-6" SO THAT NEW PARKING LOT LIGHTING WILL BE CONTROLLED BY ROOF TOP OUTDOOR PHOTO SENSOR "3-A1" AND PROGRAMMABLE TIME CLOCK IN "LRP-6".
- 3 EXISTING UNDERGROUND ELECTRICAL AND COMMUNICATION PULL BOXES SERVING EXISTING CCTV CAMERAS MOUNTED ON EXISTING LIGHT POLE.
- 4 EXTEND 1" - 2 #10 AND 1 #10 AND FROM EXISTING 120V CIRCUIT IN ELECTRICAL PULL BOX TO NEW ELECTRICAL PULL BOX FOR NEW CCTV CAMERAS. EXTEND 2" WITH NEW FIBER OPTIC CABLE FROM EXISTING COMMUNICATION PULL BOX TO NEW PULL BOX FOR NEW CCTV CAMERAS.
- 5 NEW LIGHT POLE WITH NEW PTZ CCTV CAMERA. (VERIFY LOCATION WITH OWNER.) PROVIDE UNDERGROUND ELECTRICAL AND COMMUNICATION PULL BOXES.
- 6 REMOVE EXISTING LIGHT POLE, INCLUDING ITS FOUNDATION. PROVIDE NEW S7 LIGHT POLE AS SHOWN.
- 7 DUE TO GRADING WORK OF THIS AREA AS SHOWN ON CIVIL DRAWINGS, EXISTING LIGHT POLE NEEDS TO BE RAISED UP BY 2'-6". DISCONNECT AND REMOVE EXISTING LIGHT POLE SAVE IT FOR REINSTALLATION. REMOVE EXISTING CONCRETE FOUNDATION AND REPLACE IT WITH NEW FOUNDATION. REINSTALL LIGHT POLE ON NEW FOUNDATION. EXTEND EXISTING CONDUIT AND WIRING AS REQUIRED.
- 8 REMOVE EXISTING LIGHT POLE INCLUDING FOUNDATION AND CONDUIT AND WIRE UP TO NEAREST ELECTRICAL PULL BOX.
- 9 DUE TO GRADING WORK OF THIS AREA, REMOVE EXISTING ELECTRICAL PULL BOX. PROVIDE NEW PULL BOX OF THE SAME SIZE AT NEW GRADE ELEVATION. EXTEND CONDUIT AND WIRES AS REQUIRED. SEE CIVIL DRAWINGS FOR LOCATION OF ALL PULL BOXES NEEDED TO BE REPLACED.

100% SUBMITTAL	4/20/2015
65% SUBMITTAL	3/23/2015
35% SUBMITTAL	3/4/2015
Revisions:	Date

**CONSULTANTS:**

**MAZZETTI**

2201 Dupont Drive, Suite 800  
Irvine, CA 92612-7507  
TEL: 949.475.5550  
www.mazzetti.com  
Project Number: 142-027

REGISTERED PROFESSIONAL ELECTRICAL ENGINEER  
E120566  
STATE OF CALIFORNIA

**KEY PLAN**

**ARCHITECT/ENGINEERS:**

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Drawing Title  
**ELECTRICAL SITE LIGHTING PLAN**

Scale:  
**As shown**

Approved: Project Director

Project Title  
**VA SOUTHERN NEVADA  
HEALTHCARE SYSTEM  
ADDITIONAL PARKING SPACES**

Project Number  
**593-14-102**

Building Number

Location  
**North Las Vegas, NV**

Date  
**APRIL 20, 2015**

Checked  
**HT**

Drawn  
**SL**

Drawing Number  
**ESL-101**

Dwg. of

**Office of  
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KEY PLAN

ARCHITECT/ENGINEERS:

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213-629-0100 F213-629-0070

PLANNING  
ARCHITECTURE  
ENGINEERING  
INTERIORS

Drawing Title

ELECTRICAL SYMBOL LIST AND ABBREVIATIONS

Scale: As shown

Approved: Project Director

Project Title

VA SOUTHERN NEVADA HEALTHCARE SYSTEM  
ADDITIONAL PARKING SPACES

Project Number

593-14-102

Building Number































































































































































Drawing Number

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Office of Facilities Management

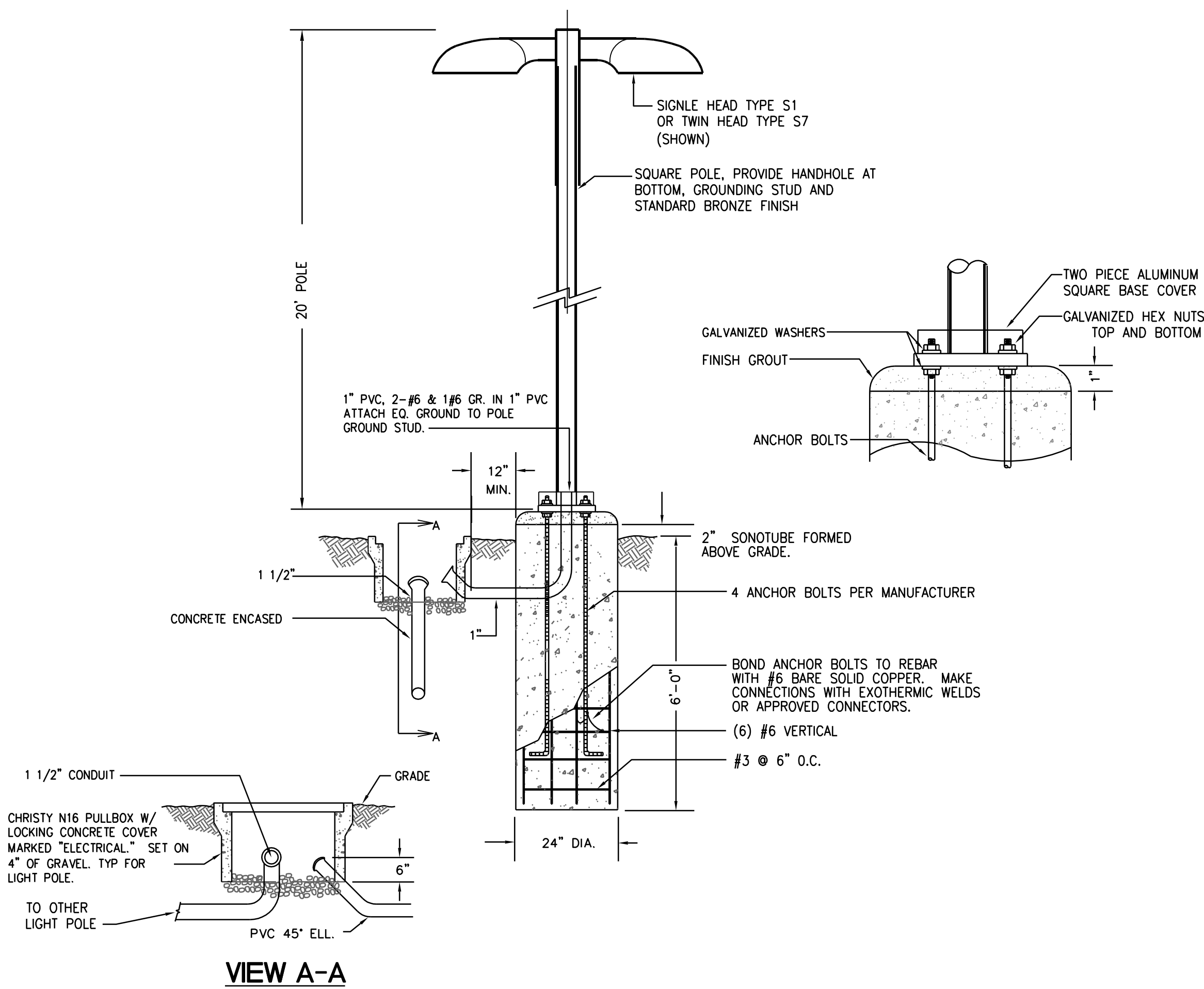
Department of Veterans Affairs

ELECTRICAL SYMBOL SCHEDULE		
SYMBOLS	POWER SYMBOLS	NOTES
	MOTOR OUTLET	
	FUSED DISCONNECT SWITCH SWITCH XX/XX/XX = AMP SWITCH/POLES/AMP FUSE	
	HEAVY DUTY NON-FUSED DISCONNECT SWITCH SWITCH XX/XX = AMP SWITCH/POLES	
	COMBINATION MOTOR STARTER	
	MANUAL MOTOR STARTER WITH THERMAL OVERLOAD	
	VARIABLE FREQUENCY DRIVE	
	AUTOMATIC TRANSFER SWITCH	
	AUTOMATIC TRANSFER SWITCH WITH BY-PASS ISOLATION SWITCH 4 POLE	
	TRANSFORMER	
	TRANSFORMER	
	GENERATOR	
	STATIONARY - CIRCUIT BREAKER; RATING AS SHOWN ON PLANS	
	DRAWOUT CIRCUIT BREAKER; RATING AS SHOWN ON PLANS	
	SWITCH AND FUSE; RATING AS SHOWN ON PLANS	
	NORMALLY OPEN CONTACT	
	NORMALLY CLOSED CONTACT	
	GROUND ROD IN GROUND WELL	
	JUNCTION BOX, C = CEILING MOUNTED, E=EMERGENCY POWER, WP=WEATHER-PROOF	
	PUSH BUTTON STATION	
	PHOTOCELL	
	TIME CLOCK	
	CONTROL PANEL FURNISHED WITH EQUIPMENT	
	LIGHTING CONTACTOR	
	SURFACE MOUNTED PANELBOARD OR TERMINAL CABINET	
	FLUSH MOUNTED PANELBOARD OR TERMINAL CABINET	
	SHUNT TRIP	
SYMBOLS	DESIGNATION SYMBOLS	NOTES
	COLUMN LINE	
	FEEDER DESIGNATION TAG	
	KEY NOTE TAG	
	KEY NOTE TAG	
	DETAIL REFERENCE BUBBLE	
	SHEET BEARING DETAIL	
	MOTOR DESIGNATION TAG	
	FIXTURE DESIGNATION UPPER CASE LETTER INDICATES FIXTURE TYPE. LOWER CASE LETTER INDICATES SWITCH LEO NUMBER INDICATES CIRCUIT NUMBER (WHERE SHOWN).	
	LETTER INDICATES FIXTURES CONTROL (WHERE SHOWN)	
	NUMBER INDICATES CIRCUIT NUMBER (WHERE SHOWN)	
	SPACE FOR CODE REQUIRED CLEARANCE.	
SYMBOLS	CONDUIT SYMBOLS	NOTES
	CONDUIT INSTALLED CONCEALED ABOVE CEILINGS OR IN WALLS IN FINISHED AREAS OR EXPOSED IN UNFINISHED AREAS	
	CONDUIT INSTALLED BELOW FINISHED FLOOR OR BELOW GRADE	
	INDICATES CONDUIT TURNING UP	
	INDICATES CONDUIT TURNING DOWN	
	CONDUIT STUBBED OUT WITH BUSHING	
	CONDUIT STUBBED OUT AND CAPPED	
	FLEXIBLE CONDUIT WITH SINGLE POINT OF CONNECTION AT ELECTRICAL EQUIPMENT	
	GROUNDING CONDUCTOR	
	CABLE TRAY PATHWAY	
	J-HOOK PATHWAY	
	CONDUIT HOMERUN, ROUTE TO PANELBOARD, CABINET, OR TERMINAL BOARD INDICATED, AND TERMINATE CONDUCTORS TO CIRCUIT OVER CURRENT PROTECTIVE DEVICE	
SYMBOLS	WIRING DEVICE SYMBOLS	NOTES
	20A, 125V, DUPLEX RECEPTACLE OUTLET, HOSPITAL GRADE E=EMERGENCY POWER, WP=GFCI, WEATHER PROOF	
	20A, 125V, DOUBLE DUPLEX RECEPTACLE OUTLET, HOSPITAL GRADE E=EMERGENCY POWER	
	SPECIAL PURPOSE RECEPTACLE OUTLET; RATING AS SHOWN	
	TWO-COMPARTMENT SURFACE RACEWAY. PROVIDE HOSPITAL GRADE DUPLEX RECEPTACLE & DATA/PHONE OUTLETS AT 24 INCHES ON CENTER. PROVIDE ALL FITTINGS, END CAP & DEVICES FOR A COMPLETE SYSTEM. WIRE-MOLD #3400 SERIES OR EQUAL.	
	20A, 125V, HOSPITAL GRADE DUPLEX RECEPTACLE, GFCI WITH WEATHER PROOF COVER.	
	20A, 125V, HOSPITAL GRADE DUPLEX RECEPTACLE; FLOOR MOUNTED	
	20A, 125V, HOSPITAL GRADE DUPLEX RECEPTACLE; GFCI TYPE; +18" A.F.F. TO CENTERLINE	
	SINGLE POLE SWITCH	
	TWO SINGLE POLE SWITCHES UNDER COMMON FACEPLATE; EACH SWITCH OPERATES ONE BALLAST IN FIXTURES IF CONTROLS; +45" A.F.F. TO CENTERLINE	
	SINGLE POLE SWITCH WITH PILOT LIGHT	
	THREE WAY SWITCH	
	KEY OPERATED SWITCH	
	DIMMER SWITCH	
	LOW-VOLTAGE SWITCH	
	SINGLE POLE WEATHERPROOF SWITCH	
	SURGICAL/EXAM LIGHT SWITCH; MOUNT AS NOTED ON PLANS	
	MOMENTARY CONTACT SWITCH	
	OCCUPANCY LIGHT CONTROL SWITCH; CEILING MOUNTED	
	OCCUPANCY LIGHT CONTROL SWITCH; WALL MOUNTED	
SYMBOLS	LIGHTING SYMBOLS	NOTES
	FLUORESCENT LIGHT FIXTURE AND OUTLET BOX	
	DOWN-LIGHT FIXTURE AND OUTLET BOX	
	WALL MOUNTED LIGHT FIXTURE AND OUTLET BOX	
	WALL MOUNTED LIGHT FIXTURE AND OUTLET BOX	
	FLUORESCENT/LINEAR STRIP LIGHT FIXTURE	
	EMERGENCY BATTERY UNIT	
	LIGHTING FIXTURE ON CRITICAL POWER	
	LIGHTING FIXTURE ON LIFE SAFETY POWER	
	EXIT SIGN; WALL MOUNTED; ARROWS AND FACES AS SHOWN ON PLANS	
	EXIT SIGN; CEILING MOUNTED; ARROWS AND FACES AS SHOWN ON PLANS	
SYMBOLS	AUDIO VISUAL NURSE CALL SYSTEM SYMBOLS	NOTES
	NURSE CALL TERMINAL CABINET	
	SYSTEM MASTER STATION, 48" ABOVE FINISHED FLOOR TO TOP; (DESK MOUNTED, MATCH EXISTING)	
	SINGLE PATIENT STATION, ENHANCED PILLOW SPEAKER, MATCH EXISTING	
	PULL CORD EMERGENCY STATION FOR TOILET ROOM, 48" ABOVE FINISHED FLOOR TO TOP, PROVIDE WEATHER PROOF TYPE A SHOWER LOCATIONS	
	AUXILIARY JACK, 48" ABOVE FINISHED FLOOR TO TOP.	
	DUTY STATION, PROVIDE J BUS DROP AND BACK BOXES PER MATCH EXISTING	
	STAFF EMERGENCY CALL STATION 2-WAY COMMUNICATION; 48" ABOVE FINISHED FLOOR TO TOP, MATCH EXISTING	
	CODE BLUE STATION; 48" ABOVE FINISHED FLOOR TO TOP, PROVIDE J BUS DROP AND BACK BOXES. MATCH EXISTING	
	CODE BLUE/STAFF ASSIST STATION; 48" ABOVE FINISHED FLOOR TO TOP, MATCH EXISTING	
	DOME LIGHT, 8" ABOVE TOP OF DOOR FRAME TO BOTTOM OR CEILING MOUNTED, MATCH EXISTING	
	BED CONNECTION, 18" ABOVE FINISHED FLOOR, MATCH EXISTING	
	ADVANCED LIFE SUPPORT TEAM (CODE PINK) STATION, MATCH EXISTING	
SYMBOLS	TELECOMMUNICATIONS SYMBOLS	NOTES
	DATA OUTLET, 18" A.F.F. TO CENTERLINE	
	WALL MOUNTED TELEPHONE OUTLET, PROVIDE (1) DATA, (1) VOICE / (2) DATA OUTLET, VOICE CABLE TO BE SPLIT INTO (2) VOICE JACKS	
	TELEPHONE/DATA OUTLET; SPECIAL MOUNTING HEIGHT; MOUNT AS NOTED ON PLANS OR SEE SPECIFICATION	
	WALL MOUNTED PAY PHONE	
	TELEPHONE OUTLET, FLUSH FLOOR MOUNTED	
	DATA OUTLET, FLUSH FLOOR MOUNTED	
	TELEPHONE/DATA OUTLET, FLUSH FLOOR MOUNTED	
	TELEPHONE/DATA, CEILING MOUNTED	
SYMBOLS	SIGNAL SYSTEM SYMBOLS	NOTES
	INTERCOM STATION	
	INTERCOM MASTER STATION, D-DESK MOUNTED	
	PAGING SYSTEM VOLUME CONTROL	
	SPEAKER WITH BACK BOX AND GRILL; CEILING MOUNTED - MATCH EXISTING	
	SPEAKER WITH BACK BOX AND GRILL; WALL MOUNTED - MATCH EXISTING	
	BELL, 84" A.F.F. TO CENTERLINE	
	BUZZER, 84" A.F.F. TO CENTERLINE	
	CLOCK; FLUSH MOUNTED; 12" BELOW CEILING TO CENTERLINE OR 80" A.F.F. TO CENTERLINE, WHICH EVER IS LOWER	
	CLOCK; SURFACE MOUNTED; 12" BELOW CEILING TO CENTERLINE OR 80" A.F.F. TO CENTERLINE, WHICH EVER IS LOWER	
	CARD READER	
	TELEVISION OUTLET-MATCH EXISTING	
	EMERGENCY POWER-OFF SWITCH (EPS)	
	POWER SUPPLY PANEL	
SYMBOLS	ABBREVIATIONS	NOTES
	AMPERE	
	ALTERNATING CURRENT	
	ABOVE COUNTER TOP	
	AMPERE INTERRUPTING CAPACITY	
	ABOVE FINISHED FLOOR	
	ABOVE FINISHED GROUND	
	AUTOMATIC TRANSFER SWITCH	
	FRAME RATING IN AMPERES	
	SWITCH RATING IN AMPERES	
	TRIP RATING IN AMPERES	
	AMERICAN WIRE GAUGE	
	AUDIO VISUAL	
	CONDUIT	
	CONTRACTOR FURNISHED OWNER INSTALLED	
	CENTERLINE	
	CALIFORNIA ELECTRICAL CODE	
	CIRCUIT	
	CEILING	
	DIRECT CURRENT	
	DOUBLE POLE, DOUBLE THROW	
	DOUBLE POLE SINGLE THROW	
	DISTRIBUTION	
	EXISTING TO REMAIN	
	REMOVE EXISTING.	
	RELOCATE EXISTING.	
	EMPTY CONDUIT, WITH PULL-CORD	
	ELECTRICAL	
	ELEVATOR	
	EMERGENCY	
	ELECTRICAL METALLIC TUBING	
	ELECTRIC WATER COOLER	
	ELECTRIC WATER HEATER	
	FIRE ALARM	
	FIRE ALARM ANNUNCIATOR PANEL	
	FIRE ALARM CONTROL PANEL	
	FIRE ALARM TERMINAL CABINET	
	FIRE ALARM REMOTE ANNUNCIATOR	
	FIRE ALARM CONTROL AND INDICATING PANEL	
	FIRE ALARM PUMP STATUS PANEL	
	FIRE ALARM VOICE COMMUNICATION PANEL	
	ELECTRIC WATER HEATER	
	FULL-VOLTAGE, NON-REVERSING	
	FULL-VOLTAGE, REVERSING	
	GROUND FAULT CIRCUIT INTERRUPTING	
	GROUND FAULT RELAY	
	GROUND	
	GENERATOR	
	ISOLATED GROUND	
	HIGH INTENSITY DISCHARGE	
	HAND - OFF - AUTO	
	HORSEPOWER	
	HIGH POWER FACTOR	
	LIGHTING RELAY CABINET	
	MECHANICAL	
	MAIN CIRCUIT BREAKER	
	NORMALLY CLOSED	
	NATIONAL ELECTRIC CODE	
	NATIONAL ELECTRICAL MANUFACTURER'S ASSOCIATION	
	NIGHT LIGHT	
	NORMALLY OPEN	
	NOT TO SCALE	
	OWNER FURNISHED CONTRACTOR INSTALLED	
	PULL BOX	
	PHASE	
	PANEL	
	POLYVINYL CHLORIDE CONDUIT	
	PNEUMATIC TUBE STATION	
	POWER	
	RIGID STEEL CONDUIT	
	SINGLE POLE, DOUBLE THROW	
	SINGLE POLE, SINGLE THROW	
	SWITCHBOARD	
	SWITCH GEAR	
	SYSTEM	
	TERMINAL BACKBOARD	
	TERMINAL CABINET	
	TELEPHONE	
	TAMPER PROOF	
	TYPICAL	
	UNLESS OTHERWISE NOTED	
	VOLT	
	VOLT AMPERES	
	WATT	
	WEATHERPROOF	
	TRANSFORMER	
	EXPLOSION PROOF	



one and one half inches = one foot  
one inch = one foot  
three quarters inch = one foot  
one half inch = one foot  
three eighths inch = one foot  
one quarter inch = one foot  
one eighth inch = one foot  
one sixteenth inch = one foot  
one thirty second inch = one foot  
one and one half inches = one foot  
one inch = one foot  
three quarters inch = one foot  
one half inch = one foot  
three eighths inch = one foot  
one quarter inch = one foot  
one eighth inch = one foot  
one sixteenth inch = one foot  
one thirty second inch = one foot

LIGHTING FIXTURE SCHEDULE									
TYPE ON LIGHTING PLAN	PLAN SYMBOL	DESCRIPTION	MOUNTING	LAMPS			TOTAL WATTS	VOLTAGE	REMARKS
				TYPE	QTY	WATTS			
S1		POLE MOUNTED METAL HALIDE FLOODLIGHT WITH TYPE II DISTRIBUTION. FIXTURE SHALL HAVE A FULL CUT OFF REFLECTOR (NO LIGHT OUTPUT ABOVE 90°). FIXTURE SHALL HAVE DIE CAST ALUMINUM HOUSING WITH INTEGRAL COOLING RIBS. THE LENS HOUSING SHALL BE A SINGLE DIE-CAST ALUMINUM CAM-LATCH AND SHALL BE FULLY GASKETTED. FIXTURE SHALL HAVE INTEGRAL HIGH POWER FACTOR BALLAST. FIXTURE SHALL BE SUITABLE FOR MOUNTING IN WET LOCATIONS AND HIGH HEAT ENVIRONMENTS. FIXTURES MOUNTED AT THE PROPERTY PERIMETER SHALL BE PROVIDED WITH HOUSE SIDE SHIELD. FIXTURE SHALL BE MOUNTED ON A 20'-0" SQUARE POLE. FIXTURE SHALL BE ATTACHED TO POLE WITH AN ARM. FINISH SHALL MATCH EXISTING ADJACENT EXISTING FIXTURE (DARK BRONZE - CONTRACTOR TO VERIFY)	20 FT HIGH POLE	MH400/U	1	465	465	480	FIXTURE SHALL BE COMPATIBLE WITH EXISTING TYPE AND FINISH. EXISTING FIXTURE IS LITHONIA TYPE AS2-400M-480-SPA-DF. VERIFY BEFORE ORDERING FIXTURE.
S2		SURFACE WALL MOUNTED METAL HALIDE FLOODLIGHT WITH TYPE III DISTRIBUTION.	SURFACE	MHC100/U/MP	-	-	-	-	EXISTING FIXTURE. SHOWN HERE FOR REFERENCE ONLY.
S3		RECESSED WALL MOUNTED COMPACT FLUORESCENT STEPLIGHT WITH LOUVERED CAST ALUMINUM FACEPLATE AND TEMPERED GLASS DIFFUSER.	WALL RECESSED	PL-C 26W/835/4P/ALTO	1	26	29	277	EXISTING FIXTURE. SHOWN HERE FOR REFERENCE ONLY.
S7		SAME AS TYPE S1 EXCEPT TYPE S7 HAS TWO BACK TO BACK FIXTURES.	20 FT HIGH POLE	MH400/U	2	465	930	480V	FIXTURE SHALL BE COMPATIBLE WITH EXISTING TYPE AND FINISH. EXISTING FIXTURE IS LITHONIA TYPE AS2-400M-480-SPA-DF. VERIFY BEFORE ORDERING FIXTURE.



Panel: 'EXISTING PNL 1-H-1D'				Bus Rating (Amps): 225A								
Main: MLO				Volts (L-L): 277/480V								
Enclosure: NEMA 1				Phase: 3								
AIC Rating: 30KA				Wires: 4								
Ckt	Description	Load Type	Load (KVA)	OC Device Amps	Poles	Phase	OC Device Amps	Poles	Load (KVA)	Load Type	Description	Ckt
1	(E) 1ST FLR OUTDOOR LTG	1	0.32	20	1	A	20	1	2.53	1	(E) SITE LIGHTING	2
3	SPARE			20	1	B	20	1	2.53	1	(E) SITE LIGHTING	4
5	SPARE			20	1	C	20	1	2.85	1	(E) SITE LIGHTING	6
7	(E) 1ST FLR CORR LTG	1	1.80	20	1	A	20	1	2.40	1	(E) SITE LIGHTING	8
9	(E) 1ST FLR CORR LTG	1	1.50	20	1	B	20	1	2.40	1	(E) SITE LIGHTING	10
11	(E) 1ST FLOOR LIGHTING	1	1.65	20	1	C	20	1	2.40	1	(E) SITE LIGHTING	12
13	(E) 1ST FLOOR LIGHTING	1	1.60	20	1	A	20	1	3.00	1	(E) SITE LIGHTING	14
15	SPARE			20	1	B	20	1	2.70	1	(E) SITE LIGHTING	16
17	SPARE			20	1	C	20	1	2.70	1	(E) SITE LIGHTING	18
19	SPARE			20	1	A	20	1	3.00	1	(E) SITE LIGHTING	20
21	SPARE			20	1	B	20	1	3.40	1	(E) SITE LIGHTING	22
23	(N) SITE LTG - NOTES 1&2	1	2.10	20	2	C	20	1	3.40	1	(E) SITE LIGHTING	24
25	(N) SITE LTG - NOTES 1&2	1	2.10	-	-	A	20	1			SPARE	26
27	SPARE					B	20	1			SPARE	28
29	SPARE					C	20	1			SPARE	30
31	SPARE					A	20	1			SPARE	32
33	SPARE					B	20	1			SPARE	34
35	SPARE					C	20	1			SPARE	36
37	SPARE					A					SPARE	38
39	SPARE					B					SPARE	40
41	SPARE					C					SPARE	42
LOAD TYPE (NUMBER)												
LOAD TYPE (DESCRIPTION)		0	1	2	3	4	5	6	7			
'EXISTING PNL 1-H-1D' SECTN1		P.Rm.Lt	Lighting	Receps	Motors	L. Mot.	Kitch	Elevator	Equip	Total		
'EXISTING PNL 1-H-1D' SECTN2		0.00	44.37	0.00	0.00	0.00	0.00	0.00	0.00	0.00	44.4	
TOTAL CONNECTED LOAD		0.00	44.37	0.00	0.00	0.00	0.00	0.00	0.00	44.4		
DEMAND MULTIPLIER:		1.00	1.25	formula	1.00	1.25	1.00	1.00	1.00			
TOTAL DESIGN LOAD (KVA)		0.00	55.46	0.00	0.00	0.00	0.00	0.00	0.00	55.5	KVA	
TOTAL DESIGN LOAD (AMPS)										66.7	AMPS	
*Type 2 (receptacles) formula is as follows: If the Total Connected Load is greater than 10KVA, Then the demand load is ((Connected Load - 10) * .5) +10, Else Demand Load equals Connected Load.												
NOTES:												
1 - FURNISH AND INSTALL A 20A/2P BREAKER IN CIRCUITS 23 & 25												
2 - CONNECT CIRCUITS 23 & 25 TO EXIST. RELAY PANEL 'LRP-6' TO CONTROL LIGHTING BY OUTDOOR PHOTOCCELL												
3 -												

1 LIGHTING FIXTURE TYPE S1 & S7 MOUNTING DETAIL  
E-002 SCALE: NONE

		<b>CONSULTANTS:</b>  2201 Dupont Drive, Suite 800 Irvine, CA 92612-7507 TEL: 949.475.5550 www.mazzetti.com Project Number: 142-027	<b>KEY PLAN</b>	<b>ARCHITECT/ENGINEERS:</b>  550 South Hope Street, 27 <sup>th</sup> Floor Los Angeles, California 90071, USA EST. 1915 213-629-0100 F213-629-0070 PLANNING ARCHITECTURE ENGINEERING INTERIORS	Drawing Title <b>LIGHTING FIXTURE SCHEDULE, PANEL SCHEDULE AND DETAILS</b> Scale: As shown Approved: Project Director	Project Title <b>VA SOUTHERN NEVADA HEALTHCARE SYSTEM ADDITIONAL PARKING SPACES</b> Scale: North Las Vegas, NV Date APRIL 20, 2015 Checked HT Drawn SL	Project Number <b>593-14-102</b> Building Number Drawing Number <b>E-002</b> Dwg. of	<b>Office of Facilities Management</b> 
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